

IN THE CLAIMS

Claims 3, 4, 6, 8, 10-13 and 16-23 are currently amended; as a result, Claims 1-23 are now pending in this application. Please amend the Claims as follows:

1. (Original) A method of caching data from multiple channels simultaneously, the method comprising:

accessing data specifying a set of channels;
accessing data specifying a prioritization of the set of channels;
selecting channels for which to cache data from the set of channels based on the prioritization; and
caching data for the selected channels simultaneously.

2. (Original) The method of Claim 1, wherein the set of channels are favorite channels.

3. (Currently Amended) The method of Claim 1, further comprising: performing a video operation to allow viewing the ~~cached~~ data after a completion of the caching the data.

4. (Currently Amended) The method of Claim 1, further comprising:
receiving a switch operation from a first channel for which data is being cached to a second channel for which data is not being cached; and

in response to ~~receiving~~ the switch operation, de-allocating the data for the first channel.

5. (Original) The method of Claim 4, wherein the first channel is a non-favorite channel.

6. (Currently Amended) The method of Claim 1, further comprising:
receiving a switch operation from a first channel to a second channel, wherein data is being cached for both the first and second channels; and
in response to ~~receiving~~ the switch operation, maintaining the data that is being cached for the first channel.

7. (Original) The method of Claim 6, wherein the first channel is a favorite channel.

8. (Currently Amended) The method of Claim 1, wherein in response to caching capabilities from a first channel becoming available:
the selecting the channels further comprises selecting a second channel with the highest priority of the channels that are not being cached; and
the caching the data further comprises using the caching capabilities from the first channel to cache the data for the second channel.

9. (Original) The method of Claim 1, further comprising:
receiving a request to cache data for a first channel for which data is not being cached;
selecting a second channel with the lowest priority to remove caching capabilities from;
and
reassigning the caching capabilities to the first channel to satisfy the request to cache data for the first channel.

10. (Currently Amended) An electronic device comprising:

a memory unit; and

a processor coupled to the memory unit, the processor for executing a ~~method~~ set of instructions for caching data from multiple channels simultaneously, the ~~method~~ set of instructions comprising:

accessing data specifying a set of channels;

accessing data specifying a prioritization of the set of channels;

selecting channels for which to cache data from the set of channels based on the prioritization;

selecting channels for which to cache data from channels selected for viewing; and

caching data for the selected channels simultaneously.

11. (Currently Amended) The electronic device of Claim 10, wherein the ~~method~~ set of instructions further comprises:

receiving a switch operation from a first channel for which data is being cached to a second channel for which data is not being cached; and

in response to ~~receiving~~ the switch operation, de-allocating the data for the first channel.

12. (Currently Amended) The electronic device of Claim 10, wherein the ~~method~~ set of instructions further comprises:

receiving a switch operation from a first channel to a second channel, wherein data is being cached for both the first and second channels; and

in response to ~~receiving~~ the switch operation, maintaining the data that is being cached for the first channel.

13. (Currently Amended) The electronic device of Claim 10, wherein in response to caching capabilities from a first channel becoming available:

the selecting the channels further comprises selecting a second channel with the highest priority of the channels that are not being cached; and

caching the data further comprises using the caching capabilities from the first channel to cache the data for the second channel.

14. (Original) The electronic device of Claim 10, wherein the ~~method~~ set of instructions further comprises:

receiving a request to cache data for a first channel for which data is not being cached;
selecting a second channel with the lowest priority to remove caching capabilities from;
and

reassigning the caching capabilities to the first channel to satisfy the request to cache data for the first channel.

15. (Original) The electronic device of Claim 10, wherein the electronic device is a set-top box device and wherein the set of channels are favorite channels.

16. (Currently Amended) An electronic device comprising:

a plurality of tuners;
a memory storage device coupled to said plurality of tuners;
a memory-stored list of channels having a channel ordering; and
a processor for selecting a first set of channels in response to viewing requests and for assigning a first set of tuners thereto,

wherein said processor is also for selecting a second set of channels based on said list of channels and for assigning a second set of tuners thereto, and

wherein said memory storage device simultaneously caches outputs of said first and second set of tuners.

17. (Currently Amended) ~~An~~ The electronic device as described in Claim 16 wherein said list of channels is a favorite channels list and wherein said channel ordering is a priority ordering of said favorite channels list.

18. (Currently Amended) ~~An~~ The electronic device as described in Claim 17 further comprising a remote data entry device and wherein said favorite channels list and said channel ordering are obtained from said remote data entry device.

19. (Currently Amended) ~~An~~ The electronic device as described in Claim 16 wherein said plurality of tuners is also for providing picture-in-picture capabilities for output to a display device and wherein further said first set of channels comprise:

a first channel selected for viewing on a main screen of said display device; and

a second channel selected for viewing as a picture-in-picture window on said display device.

20. (Currently Amended) ~~An~~ The electronic device as described in Claim 16 wherein said processor is also for altering said first and second set of channels in response to a channel change request regarding a channel to be viewed.

21. (Currently Amended) ~~An~~ The electronic device as described in Claim 16 wherein said processor alters said second set of channels in response to a change in said channel ordering.

22. (Currently Amended) ~~An~~ The electronic device as described in Claim 21 wherein said list of channels is a favorite channels list and wherein said channel ordering is a priority ordering of said favorite channels list.

23. (Currently Amended) ~~An~~ The electronic device as described in Claim 22 wherein said plurality of tuners is also for providing picture-in-picture capabilities for output to a display device.